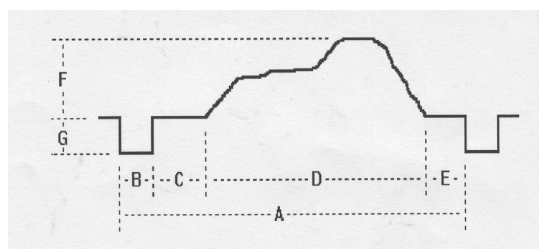# VIDEO SIGNAL SPECIFICATION FORM

Manufacturer X-ray machine   :Siemens, Medical Solutions
Name of X-ray machine   :ARCADIS
Video specifications   [ ]   PAL/CCIR (interlaced)
     [ ]   NTSC/RS-170 (interlaced)
     [x]   No standard video specifications
     High Resolution option UD 508 I
     (fill in the table below)
Video output plug   [ ]   BNC plug
     [x]   Other, please specify DVI…………………..
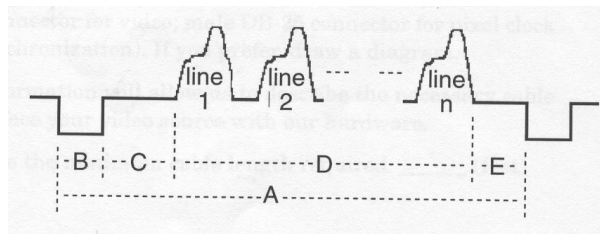Galvanic isolation available   no

No standard video specifications

Pixel clock   :135   MHz / ns
Horizontal frequency   :79.976 KHz

A: Horizontal Line time   :12.504 us / pixels
B: Horizontal sync time   :1.067   us / pixels
C: Horizontal back porch   :1.881   us / pixels
D: Horizontal active video   :9.481   us / pixels
E: Horizontal front porch   :0.074   us / pixels
F: Active video amplitude   :0.7   V p-p
G: Sync pulse amplitude   :5   V, Hsync and Vsync are separate TTL signals

Vertical field frequency   :75.0247   Hz
A: Vertical field time   :13.329 msec / lines
B: Vertical sync time   :0.0375 msec / lines
C: Vertical back porch   :0.475   msec / lines
D: Vertical active video   :12.804 msec / lines
E: Vertical front porch   :0.0125 msec / lines

Interlaced fields   : no

Image circle/square   :1280….. x 1024…..   Hpixel x Vpixel